

SKR800W 80GHz Radar Level Transmitter

Bluetooth/ 4 - 20 mA/ Modbus/

Radar level sensor for continuous level measurement



Area of application

The SK-R800W is the ideal sensor for non-contact level measurement in simple applications. Weighs only 750g, It is particularly suitable for open channel application: exp water/wastewater field, rain basins, flume, dam level monitoring. Meanwhile the sensors could be applied on some liquid tanks or containers.

Advantages

Reliable

Simple mounting and reliable readings.

FMCW 80GHz Frequency

Maintenance-free operation due to non-contact 80 GHz radar technology

Cost Effective

Economically priced radar, close to the ultrasonic level instruments.

Technical Datasheet

Model

SK-R800W

Product Type

FMCW Radar Level Transmitter

Frequency

77GHz-81GHz

Shell Material

PP (polypropylene)

Measurement Range

Liquid: 0.2m-15m (0.6 ft – 49 ft)

Accuracy

±2mm for liquid

Beam Angle

±5°

Protection

IP67

Process Connection

Default Thread;

Thread and flange is customized;

Process Temperature

-40°C to 60°C (-40 to +140°F)

Process Pressure

Normal atmospheric pressure

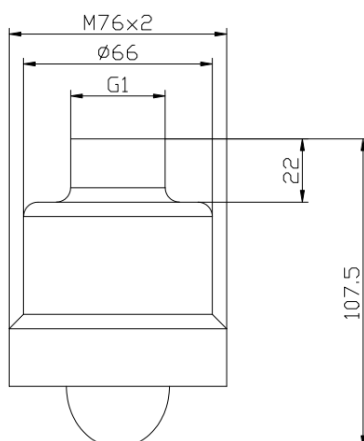
Signal output

4-20mA / RS485/Bluetooth

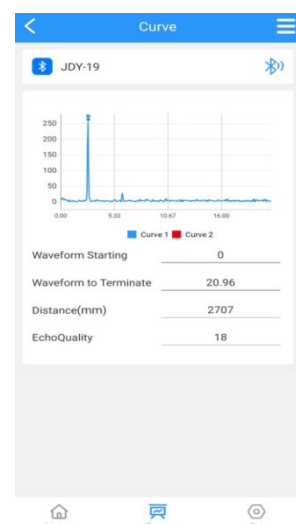
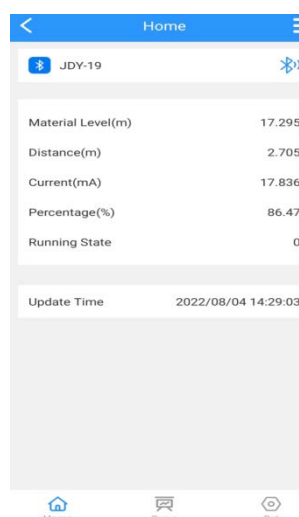
Power

Two-wire DC 24V (22V~30V)

Dimension



Mobile App



SK-R800 Model Selection

SK-R800 **80GHz Radar Level Transmitter (PP housing, no display)**

Code	Medium Type
W	Water/liquid
Code	Measuring Range(m)
0.2~15	8、 15
Code	Connection
G	GThread
F	Flange
Code	Temperature
N	-40-60°C
Code	Cable entry
M	M16×1.5(F)
Code	Electronics
T	Two-wire 4...20mA
M	Modbus
B	Bluetooth wireless
SK-R800	